

Water quality —

Part 2: Physical, chemical and biochemical methods —

Section 2.34 Method for the determination of the chemical oxygen demand

UDC [556.11 + 614.777 + 628.1/.3 + 663.63] 53/54

Confirmed December 2011

Foreword

This Section of BS 6068, which has been prepared under the direction of the Environment and Pollution Standards Committee, is related to ISO 6060-1986 “Water quality — Determination of the chemical oxygen demand”. The international standard was prepared by sub-committee 2, Physical, chemical and biochemical methods, of Technical Committee 147, Water quality, of the International Organization for Standardization (ISO) with the active participation of the UK.

This Section of BS 6068 differs from ISO 6060 principally in the use of single reagents in place of mixed reagents, which are unacceptable to the UK on technical and safety grounds. This has necessitated changes to clause 4 and 7.4. In addition the maximum recommended concentration of chloride in the sample or diluted sample is 1 000 mg/L, not 2 000 mg/L as given in the international standard (see clause 1), and relevant reproducibility data are given in 8.2.

This British Standard is being published in a series of Parts subdivided into Sections that will generally correspond to particular international standards. Sections are being, or will be, published in Parts 1 to 6, which, together with Part 0, are as follows.

- *Part 0: Introduction;*
- *Part 1: Glossary;*
- *Part 2: Physical, chemical and biochemical methods;*
- *Part 3: Radiological methods;*
- *Part 4: Microbiological methods;*
- *Part 5: Biological methods;*
- *Part 6: Sampling.*

The tests described in this British Standard should only be carried out in laboratories with suitable facilities and by suitably qualified persons with an appropriate level of chemical expertise and knowledge of the necessary safety precautions. Standard chemical procedures should be followed throughout.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 4, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd.No	Date of issue	Comments

This British Standard, having been prepared under the direction of the Environment and Pollution Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 October 1988

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The following BSI references relate to the work on this standard:
Committee reference EPC/44
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